DECLARATION and POWER UP ATTURNET

ATTORNEY'S DOCKET NO .:

PHNL010559 US As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "Bipolar transistor, semiconductor d_vice and method of manufacturing same" the specification of which (check one) is attached hereto. was filed on August 01, 2002 as Application Serial No. 10/210499 (if applicable). I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by the amendment(s) referred to above. I acknowledge the duty to disclose information which is material to patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed: PRIOR FOREIGN APPLICATION(S) APP. NUMBER PRIORITY CLAIMED COUNTRY DATE OF FILING (DATE, MONTH, YEAR) UNDER 35 U.S.C. 119 01203002.9 6 August 2001 YES Europe I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35 United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1,56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application: PRIOR UNITED STATES APPLICATION(S) APPLICATION SERIAL NUMBER STATUS (PATENTED, PENDING, FILING DATE ABANDONED) I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number) Jack E. Haken, Reg. No. 26,902 Michael E. Marion, Reg. No. 32,266 Edward M. Blocker, Reg. No. 30,245 SEND CORRESPONDENCE TO: Corporate Patent Counsel; DIRECT TELEPHONE CALLS TO: (name and telephone No.) U.S. Philips Corporation; 580 White Plains Road; Tarrytown, NY 10591 (914) 332-0222 Inventor's Signature: Dated: November 07, 2002 Middle Name Full Name of Inventor Last Name First Name HUIZING **Gezienus Albert** Hendrik Country of Citizenship Residence & State or Foreign Country City Citizenship Eindhoven The Netherlands The Netherlands State or Country Zip Code Post Office Address Street City

5656 AA Eindhoven

Inventor's Signature:

State or Foreign Country

The Netherlands

5656 AA Eindhoven

First Name

Jan_

Prof. Hoistlaan 6

Last Name

City

Street

SLOTBOOM

Eindhoven

Prof. Holstlaan 6

Dated: November 07, 2002

Full Name of Inventor

Post Office Address

Residence &

Citizenship

The Netherlands

Middle Name

Country of Citizenship

Zip Code

The Netherlands

State or Country

The Netherlands

Willem

Dated:		Inventor's Signature:		
Full Name of Inventor	Last Name TERPSTRA	First Name Doede	Middle Name	
Residence & Citizenship	City Eindhoven	State or Foreign Country The Netherlands	Country of Citizenship The Netherlands	
Post Office Address	Street Prof. Holstlaan 6	City 5656 AA Eindhoven	State or Country The Netherlands	Zip Code
Dated:		Inventor's Signature:		
Full Name of Inventor	Last Name KLOOTWIJK	First Name Johan	Middle Name Hendrik	
Residence & Citizenship	City Eindhoven	State or Foreign Country The Netherlands	Country of Citizenship The Netherlands	
Post Office Address	Street Prof. Holstlaan 6	City 5656 AA Eindhoven	State or Country The Netherlands	Zip Code
Dated: November 0	7, 2002	Inventor's Signature:	man .	
Full Name of Inventor	Last Name AKSEN	First Name Eyup	Middle Name	
Residence & Citizenship	City Louvain	State or Foreign Country Belgium	Country of Citizenship France	
Post Office Address	Street Kapeldreef 75	City B-3001 Louvain	State or Country Belgium	Zip Code

DECLARATION and POWER OF ATTOPNEY

ATTORNEY'S DOCKET NO.: PHNL010559 US

As a below named inventor, I hereby declare that:

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I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "Bip lar transistor, semiconductor d vic and meth d of manufacturing same"

"Rib	lar transistor, semiconductor d	VIC	and meur	u of manufacturing same
the c	acification of which (check one)			•

is attached hereto.

☑ is attached needs.
☑ was filed on August 01, 2002 as Application Serial No. 10/210499 and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by the amendment(s) referred to above.

I acknowledge the duty to disclose information which is material to patentability of this application in accordance with Title 37,

Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing

date before that of the application on which priority is claimed:
PRIOR FOREIGN APPLICATION(S)

COUNTRY	APP. NUMBER	DATE OF FILING (DATE, MONTH, YEAR)	PRIORITY CLAIMED UNDER 35 U.S.C. 119
Europe	01203002.9	6 August 2001	YES

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35 United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1,56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

PRIOR UNITED STATES APPLICATION(S)

APPLICATION SERIAL NUMBER	FILING DATE	STATUS (PATENTED, PENDING, ABANDONED)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

Jack E. Haken, Reg. No. 26,902 Michael E. Marion, Reg. No. 32,266 Edward M. Blocker, Reg. No. 30,245

Edward Mr. Biodicor, 110g. 110. 0012 10	
SEND CORRESPONDENCE TO: Corporate Patent Counsel;	DIRECT TELEPHONE CALLS TO:
U.S. Philips Corporation; 580 White Plains Road;	(name and telephone No.)
Tarrytown, NY 10591	(914) 332-0222

Dated:		Inventor's Signature:	
Full Name of Inventor	Last Name HUIZING	First Name Hendrik	Middle Name Gezienus Albert
Residence & Citizenship	City Eindhoven	State or Foreign Country The Netherlands	Country of Citizenship The Netherlands
Post Office Address	Street Prof. Hoistlaan 6	City 5656 AA Eindhoven	State or Country Zip Code The Netherlands
Dated:		Inventor's Signature:	
Full Name of Inventor	Last Name SLOTBOOM	First Name	Middle Name Willem
Residence & Citizenship	City Eindhoven	State or Foreign Country The Netherlands	Country of Citizenship The Netherlands
Post Office Address	Street Prof. Hoistlaam 6	City 5656 AA Eindhover	State or Country Zip Code The Netherlands

Dated:		Inventor's Signature:		•
Full Name of Inventor	Last Name TERPSTRA	First Name	Middle Name	<u> </u>
Residence & Citizenship	City Eindhoven	State or Foreign Country The Netherlands	Country of Citizenship The Netherlands	
Post Office Address	Street Prof. Holstlaan 6	City 5656 AA Eindhoven	State or Country The Netherlands	Zip Code
Dated: 4-11-7	007	Inventor's Signature:		
Full Name of Inventor	Last Name KLOOTWIJK	First Name Johan	Middle Name Hendrik	
Residence & Citizenship	City Eindhoven	State or Foreign Country The Netherlands	Country of Citizenship The Netherlands	
Post Office Address	Street Prof. Holstlaan 6	City 5656 AA Eindhoven	State or Country The Netherlands	Zip Code
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Full Name of Inventor	Last Name AKSEN	First Name Eyup	Middle Name	
Residence & Citizenship	City Louvain	State or Foreign Country Belgium	Country of Citizenship France	
Post Office Address	Street Kapeldreef 75	City B-3001 Louvain	State or Country Belgium	Zip Code

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ne .	DECEA	11011	and i otto			
					A	TTORNEY'S DOCKET NO.: PHNL010559 US
My residence I believe I an		d citizenshi le inventor which is cla	p are as stated below (if only one name is l imed and for which a	isted below) or a patent is sought	n original, first	joint inventor (if plural on entitled
was filed on A	ngust 01, 2002	as A	application Serial No.	10/210499	aı	nd was amended on
						(if applicable).
I hereby state	e that I have reviewed ar ndment(s) referred to abo	id understa	ind the contents of th	e above-identifie	a specification	, including the claims, as
amended by the ame	noment(s) relemed to about the duty to disclose inf	formation w	hich is material to pa	tentability of this	application in	accordance with Title 37,
Code of Federal Regi	ulations, §1.56(a).					
I hereby clair	m foreign priority benefits	under Title	e 35, United States C	ode, § 119 of an	y toreign appli	cation(s) for patent or
inventor's certificate in	isted below and nave also e application on which pri	o identilied iority is clai	med. pelow ally loteigh at	plication for pate	att of inventor	s certificate having a filing
date before that of the	s application on whom pro	PRIOR	FOREIGN APPLICA	TION(S)		
COUNTRY	APP. NUMBER		DATE OF FILING			PRIORITY CLAIMED
COOKIN	, , , , , , , , , , , , , , , , , , , ,		(DATE, MONTH, YI	EAR)		UNDER 35 U.S.C. 119
Europe	01203002.9		6 August 2001			YES
as the subject matter	of each of the claims of to paragraph of Title 35 Unit ederal Regulations, §1,50	this applica ed States (6(a) which	tion is not disclosed i Code, §112. I acknow	n the prior United ledge the duty to e filing date of the	d States applic disclose mate prior applicat	ion and the national or PCT
APPLICATION SERIA	AL NUMBER	FILING D	PATE		STATUS (PA ABANDONE	ATENTED, PENDING, D)
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and belief are believe like so made are pun willful false statemen	ed to be true; and further ishable by fine or impriso ts may jeopardize the val	that these soment, or lidity of the	statements were mad both, under Section 1 application or any pa	le with the knowl 001 of Title 18 o tent issued there	edge that willt f the United St eon.	ents made on information ul false statements and the ates Code and that such

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Full Name of Inventor	Last Name HUIZING	First Name Hendrik	Middle Name Gezienus Albert	
Residence & Citizenship	City Eindhoven	State or Foreign Country The Netherlands	Country of Citizenship The Netherlands	
Post Office Address	Street Prof. Holstlaan 6	City 5656 AA Eindhoven	State or Country The Netherlands	Zip Code
Dated:		Inventor's Signature:		
Full Name of Inventor	Last Name SLOTBOOM	First Name Jan	Middle Name Willem	
Residence & Citizenship	City Eindhoven	State or Foreign Country The Netherlands	Country of Citizenship Th Netherlands	
Post Office Address	Street Pr f. Holstlaan 6	City 5656 AA Eindhoven	State or Country Th Netherlands	Zip Code

Dated: November	01, 2002	Inventor's Signature:	4	
Full Name of Inventor	Last Name TERPSTRA	First Name Doede	Middle Name	
Residence & Citizenship	City Eindhoven	State or Foreign Country The Netherlands	Country of Citizenship The Netherlands	
Post Office Address	Street Prof. Hoistlaan 6	City 5656 AA Eindhoven	State or Country The Netherlands	Zip Code
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